

## Index to Volume 31

Aa, K., Olsen, R.A.: The Use of Various Substrates and Substrate Concentrations by a <i>Hyphomicrobium</i> sp. Isolated from Soil: Effect of Growth Rate and Growth Yield . . .	67
Amblard, C., see Carrias, J.-F. . . . .	249
Amor, K., see Insam, H. . . . .	77
Bååth, E.: Thymidine Incorporation of Bacteria Sequentially Extracted from Soil Using Repeated Homogenization-Centrifugation . . . . .	153
Balczon, J.M., Pratt, J.R.: The Functional Responses of Two Benthic Algivorous Ciliated Protozoa with Differing Feed Strategies . . . . .	209
Becquevort, S., see Menon, P. . . . .	89
Benstead, J., Lloyd, D.: Spatial and Temporal Variations of Dissolved Gases (CH <sub>4</sub> , CO <sub>2</sub> , and O <sub>2</sub> ) in Peat Cores . . . . .	57
Billen, G., see Menon, P. . . . .	89
Bird, D.F., see Maranger, R. . . . .	141
Bourdier, G., see Carrias, J.-F. . . . .	249
Caldwell, D.E., see Shang, C. . . . .	29
Carrias, J.-F., Amblard, C., Bourdier, G.: Protistan Bacterivory in an Oligomesotrophic Lake: Importance of Attached Ciliates and Flagellates . . . . .	249
Cerniglia, C.E., see Shuttleworth, K.L. . . . .	305
Cole, J.J., see Felip, M. . . . .	15
Crepaz, C., see Insam, H. . . . .	77
de Souza, M.P., Yoch, D.C.: Differential Metabolism of Dimethylsulfoniopropionate and Acrylate in Saline and Brackish Intertidal Sediments . . . . .	319
Felip, M., Pace, M.L., Cole, J.J.: Regulation of Planktonic Bacterial Growth Rates: The Effects of Temperature and Resources . . . . .	15
Glazebrook, P.W., Moriarty, D.J.W., Hayward, A.C., MacRae, I.C.: Seasonal Changes in Numbers and the Location of a Particular Bacterial Strain of <i>Alteromonas</i> sp. in Seagrass Sediments . . . . .	1
Glover, L.A., see Griffiths, B.S. . . . .	269
Griffiths, B.S., Ritz, K., Glover, L.A.: Broad-Scale Approaches to the Determination of Soil Microbial Community Structure: Application of the Community DNA Hybridization Technique . . . . .	269
Hanisch, K., Schweitzer, B., Simon, M.: Use of Dissolved Carbohydrates by Planktonic Bacteria in a Mesotrophic Lake . . . . .	41
Hayward, A.C., see Glazebrook, P.W. . . . .	1
Hood, M.A., Schmidt, J.M.: The Examination of <i>Seliberia stellata</i> Exopolymers Using Lectin Assays . . . . .	281
Huang, P.M., see Shang, C. . . . .	29
Insam, H., Amor, K., Renner, M., Crepaz, C.: Changes in Functional Abilities of the Microbial Community during Composting of Manure . . . . .	77
Jin, X., Nalewajko, C., Kushner, D.J.: Comparative Study of Nickel Toxicity to Growth and Photosynthesis in Nickel-Resistant and -Sensitive Strains of <i>Scenedesmus actus</i> f. <i>alternans</i> (Chlorophyceae) . . . . .	103
Kushner, D.J., see Jin, X. . . . .	103
Lee, H., see Smit, E. . . . .	125
Lloyd, D., see Benstead, J. . . . .	57
MacRae, I.C., see Glazebrook, P.W. . . . .	1
Maranger, R., Bird, D.F.: High Concentrations of Viruses in the Sediments of Lac Gilbert, Québec . . . . .	141
Mazzafera, P., Olsson, O., Sandberg, G.: Degradation of Caffeine and Related Methylxanthines by <i>Serratia marcescens</i> Isolated from Soil under Coffee Cultivation . . .	199

McCarthy, S.A.: Effects of Temperature and Salinity on Survival of Toxigenic <i>Vibrio cholerae</i> O1 in Seawater .....	167
Menon, P., Becquevort, S., Billen, G., Servais, P.: Kinetics of Flagellate Grazing in the Presence of Two Types of Bacterial Prey .....	89
Mikell, A.T., Jr., Smith, C.L., Richardson, J.C.: Evaluation of Media and Techniques to Enumerate Heterotrophic Microbes from Karst and Sand Aquifer Springs .....	115
Moriarty, D.J.W., see Glazebrook, P.W. ....	1
Nalewajko, C., see Jin, X. ....	103
Ogunseitan, O.A.: Protein Profile Variation in Cultivated and Native Freshwater Microorganisms Exposed to Chemical Environmental Pollutants .....	291
Olsen, R.A., see Aa, K. ....	67
Olsson, O., see Mazzafera, P. ....	199
Pace, M.L., see Felip, M. ....	15
Paerl, H.W., Pinckney, J.L.: A Mini-review of Microbial Consortia: Their Roles in Aquatic Production and Biogeochemical Cycling .....	225
Pérez-Uz, B.: Bacterial Preferences and Growth Kinetic Variation in <i>Uronema marinum</i> and <i>Uronema nigricans</i> (Ciliophora: Scuticociliatida) .....	189
Pinckney, J.L., see Paerl, H.W. ....	225
Pratt, J.R., see Balczon, J.M. ....	209
Renner, M., see Insam, H. ....	77
Richardson, J.C., see Mikell, A.T., Jr. ....	115
Ritz, K., see Griffiths, B.S. ....	269
Sandberg, G., see Mazzafera, P. ....	199
Schmidt, J.M., see Hood, M.A. ....	281
Schweitzer, B., see Hanisch, K. ....	41
Servais, P., see Menon, P. ....	89
Shang, C., Caldwell, D.E., Stewart, J.W.B., Tiessen, H., Huang, P.M.: Bioavailability of Organic and Inorganic Phosphates Adsorbed on Short-Range Aluminum Precipitate .....	29
Shuttleworth, K.L., Cerniglia, C.E.: Bacterial Degradation of Low Concentrations of Phenanthrene and Inhibition by Naphthalene .....	305
Simon, M., see Hanisch, K. ....	41
Smit, E., Wolters, A.C., Lee, H., Trevors, J.T., van Elsas, J.D.: Interactions between a Genetically Marked <i>Pseudomonas fluorescens</i> Strain and Bacteriophage $\Phi$ R2f in Soil: Effects of Nutrients, Alginate Encapsulation, and the Wheat Rhizosphere .....	125
Smith, C.L., see Mikell, A.T., Jr. ....	115
Stewart, J.W.B., see Shang, C. ....	29
Tiessen, H., see Shang, C. ....	29
Trevors, J.T., see Smit, E. ....	125
van Elsas, J.D., see Smit, E. ....	125
Wolters, A.C., see Smit, E. ....	125
Wynn-Williams, D.D.: Response of Pioneer Soil Microalgal Colonists to Environmental Change in Antarctica .....	177
Yoch, D.C., see de Souza, M.P. ....	319

